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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/739,158	12/18/2000	Hiroyuki Kawakami	4303-10	9843

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EXAMINER

SIDDIQI, MOHAMMAD A

ART UNIT PAPER NUMBER

2154

DATE MAILED: 11/29/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/739,158

Applicant(s)

KAWAKAMI, HIROYUKI

Examiner

Mohammad A Siddiqi

Art Unit

2154

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08/16/2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-39 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-39 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. Claims 1-39 are presented for examination.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

3. Claims 1-39 rejected under 35 U.S.C. 102(e) as being anticipated by Mohaban et al. (6,463,470) (hereinafter Mohaban).

4. As per claim 1, Mohaban discloses a computer readable recording medium (col 1, lines 20-25), wherein an IP (Internet Protocol) (Col 9, lines 30-31) network service oriented DIT (Directory Information Tree) construction (col 19, lines 54-66) (col 19, lines 1-9, users are customers) recorded (col 23, lines 35-45), said computer-readable recording medium characterized in :

said IP (internet Protocol) (col 9, line30) network service-oriented DIT (Directory information Tree) construction having (col 19, 54-66):

a customer sub-tree (LDAP, col 7, line 15 and col 10, lines 50-55) having a plurality of service entries to be generated responding (col 6, lines 4-12) to a customer's request and a plurality of policy entries to be generated as a subordinate of each service entry (col 5, lines 50-55);

a policy sub-tree having a plurality of policy rule format entries necessary for managing the policy (conditions and actions, col 6, lines 36-47); and

a system sub-tree including a plurality of service class definition entries (col 10, lines 37-44); and that each of said service entries makes a reference to the policy rule format entries via the service class definition entry that corresponds to its own attribute (parameters and schema, col 10, 50-58), and generates the policy rule entry according to the policy rule format of this policy rule format entry (condition and actions, col 6, lines 36-47).

5. As per claim 2, Mohaban discloses characterized in that said IP (internet Protocol) (col 9, line30) network service-oriented DIT (Directory

Information Tree) construction having (col 19, 54-66) is configured so as to set a condition parameter written in the policy rule format, to which a reference was made in generating the policy rule entry for the policy rule entry (col 6, lines 13-24 and col 24, lines 21-28).

3. As per claim 3, Mohaban discloses IP (Internet Protocol) (col 9, line30) network service-oriented DIT (Directory Information Tree) having (col 19, 54-66) construction is configured so as to generate the policy entry based upon status information representing whether the policy rule entry was generated as a subordinate of the service entry (col 24, lines 21-28), said status information being set as an attribute of said service entry (Enable flag, col 24, lines 29-47).

4. As per claim 4, Mohaban discloses IP (internet Protocol network) (col 9, line30) service-oriented DIT (Directory Information Tree) construction (col 19, 54-66) is configured so as to set a parameter for designating a time (col 24, lines 40-42) for applying the policy as an attribute of said service entry (col 10, lines 45-55).

5. As per claim 5, Mohaban discloses said IP (Internet Protocol) network service-oriented DIT (Directory Information Tree) construction (col 19, 54-

66) is configured so as to set a parameter for designating an object (triggering, col 24, lines 35-42) of application of the policy as an-attribute of said policy rule entry (col 6, lines 13-24 and col 10, lines 45-55).

6. As per claims 6, 13, and 19, Mohaban discloses each of said plural service entries further includes as an attribute a provisioning date/unprovisioning date which controls a policy setting/releasing operation from a policy management system (col 3, lines 40-48, in general, provisioning means "providing". In telecommunications terminology, provisioning means providing a product or service, such as wiring or bandwidth).

7. As per claim 7, 14,20, and 25 Mohaban discloses each of said plural service entries further includes as an attribute (col 21, lines 10-35) a network element acquired when a policy rule entry below each service entry is set (fig 8A, col 6, lines 4-12).

8. As per claims 8,15, 21,26, and 30, Mohaban discloses each of said plural service class definition entries further includes as an attribute a parameter representing a feature of a service corresponding to a service type and a pointer (col 26, lines 30-32) to a policy rule format entry to be applied to said service (col 6, lines 24-35).

9. As per claims 9,16,22, 27,31, and 34, Mohaban discloses each of said plural policy rule format entries further includes as an attribute a condition parameter and an action parameter, each to be possessed by a policy rule, and a network element to which said policy rule is applied (col 6, lines 44-47).

10. As per claims 10,17,23,28, 32,35, and 37, Mohaban discloses each of said plural policy rule entries further includes as an attribute a pointer to a corresponding policy rule format entry (col 26, lines 30-32), a rule state indicating whether or not said policy rule has been applied to a network element (col 7, lines 61-67), and a target network element specifying a network element to which said policy rule is applied (col 24, lines 63-67).

11. As per claims 11,18,24, 29,33,36,38, and 39, Mohaban discloses said IP network (col 9, lines 30-31) oriented DIT construction sub-tree (col 19, lines 54-66) further has network sub-trees (col 7, lines 1-15).

12. As per claim 12, Mohaban discloses each of said plural service entries further includes as an attribute a rule creation state Indicating whether or not a policy rule Entry is created below each service entry Itself (col 18).

Response to Arguments

13. Applicant's arguments filed 08/16/2004 have been fully considered but they are not persuasive, therefore rejections to claims 1-39 is maintained.

14. Applicant should submit an argument under the heading "Remarks" pointing out disagreements with the examiner's contentions. Applicant must also discuss the references applied against the claims, explaining how the claims avoid the references or distinguish from them.

In response to applicants argument " These characteristics, which were not described in the cited reference " on page 10, the examiner respectfully disagrees. Mohaban teaches the parameter for designating a time (col 24, lines 40-42) for applying the policy as an attribute of said service entry (col 10, lines 45-55).

Conclusion

15. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mohammad A Siddiqi whose telephone number is (571) 272-3976. The examiner can normally be reached on Monday -Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John A Follansbee can be reached on (571) 272-3964. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

MAS

A handwritten signature in black ink, appearing to read "N. S. Hardy", with a long, sweeping diagonal line extending downwards and to the right from the end of the signature.